LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040867.D
Acq On : 11 May 2019 4:54
Operator : HP/JU
Sample : K2762-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS001-0002-02

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	4	9	19	rVV	168059	331885	5.43%	1.258%
2	3.237	20	25	34	rVB	596226	876244	14.33%	3.322%
3	3.537	71	76	84	rVB	121387	158770	2.60%	0.602%
4	4.700	268	274	281	rVB	73873	113839	1.86%	0.432%
5	5.159	344	352	356	rBV	52059	77489	1.27%	0.294%
6	5.206	356	360	368	rVB	106690	164668	2.69%	0.624%
7	5.664	431	438	447	rBV	940639	1490469	24.38%	5.651%
8	7.274	703	712	723	rBV	919958	1546695	25.30%	5.864%
9	7.656	769	777	790	rBV	1032053	1770218	28.95%	6.712%
10	8.132	852	858	865	rBV	181530	310411	5.08%	1.177%
11	8.455	904	913	926	rVB	719348	1277718	20.90%	4.845%
12	9.313	1050	1059	1070	rBV	667716	1198586	19.60%	4.544%
13	10.958	1330	1339	1344	rBV	239911	430706	7.04%	1.633%
14	11.005	1344	1347	1355	rVB	84644	145487	2.38%	0.552%
15	13.384	1745	1752	1760	rBV	1871912	2847821	46.58%	10.798%
16	14.765	1978	1987	1993	rBV2	406770	664278	10.87%	2.519%
17	16.246	2233	2239	2259	rBV	1942720	2989339	48.90%	11.334%
18	17.509	2447	2454	2459	rBV	661331	1024527	16.76%	3.885%
19	17.544	2459	2460	2466	rVB	55811	61643	1.01%	0.234%
20	17.908	2513	2522	2529	rBV	53924	84790	1.39%	0.321%
21	20.106	2889	2896	2907	rBV	4517675	6113776	100.00%	23.181%
22	21.786	3175	3182	3196	rBV	770259	1277898	20.90%	4.845%
23	23.279	3431	3436	3443	rVB2	42039	75136	1.23%	0.285%
24	24.119	3568	3579	3588	rVB4	40629	100516	1.64%	0.381%
25	25.129	3738	3751	3764	rBV3	394048	1241553	20.31%	4.707%

Sum of corrected areas: 26374462

LSC Report - Integrated Chromatogram

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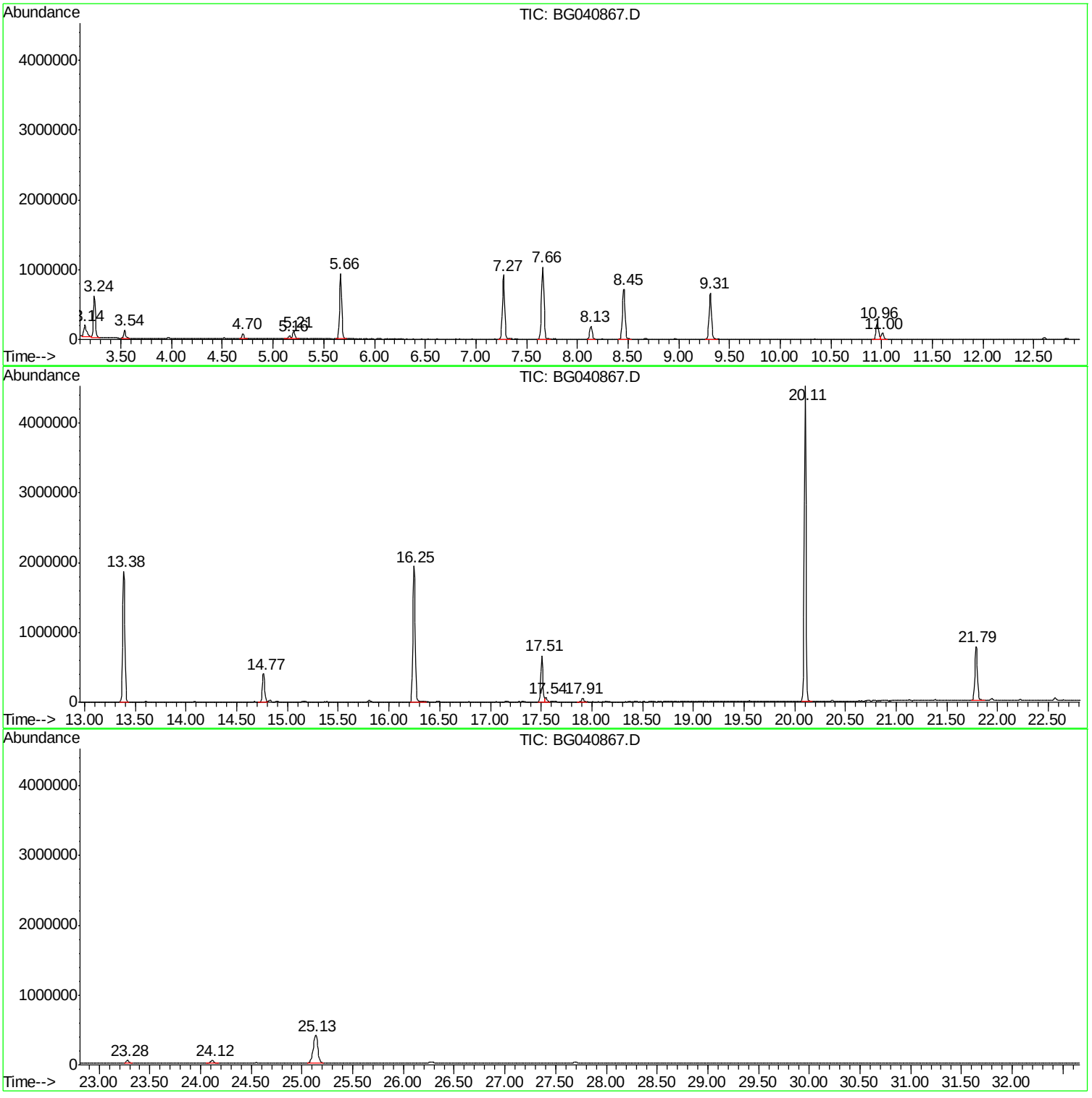
Operator : HP/JU
Sample : K2762-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS001-0002-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BG040867.D
Acq On : 11 May 2019 4:54
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Instrument : BNA_G
ClientSampleId : P021-SS001-0002-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

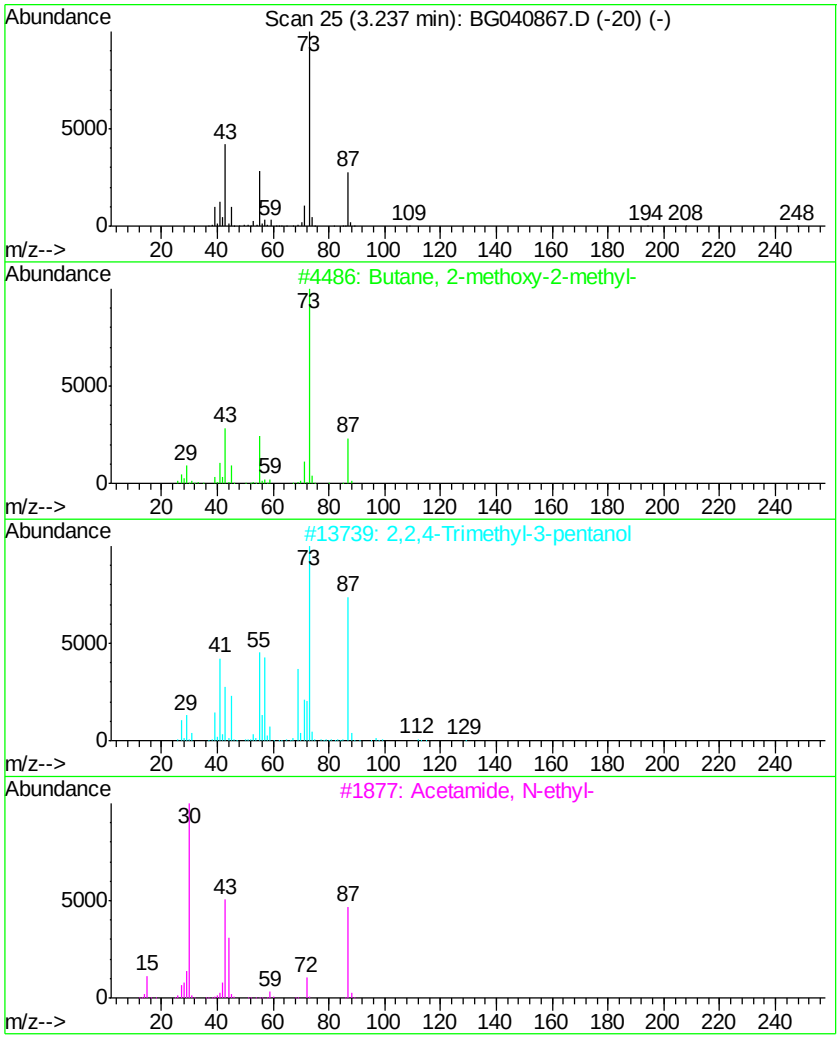
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

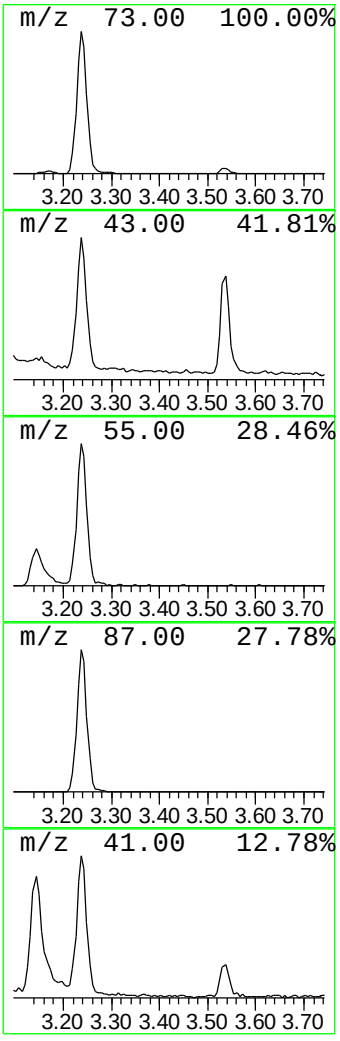
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	56.46 ng	876244	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

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Acq On : 11 May 2019 4:54
Operator : HP/JU
Sample : K2762-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS001-0002-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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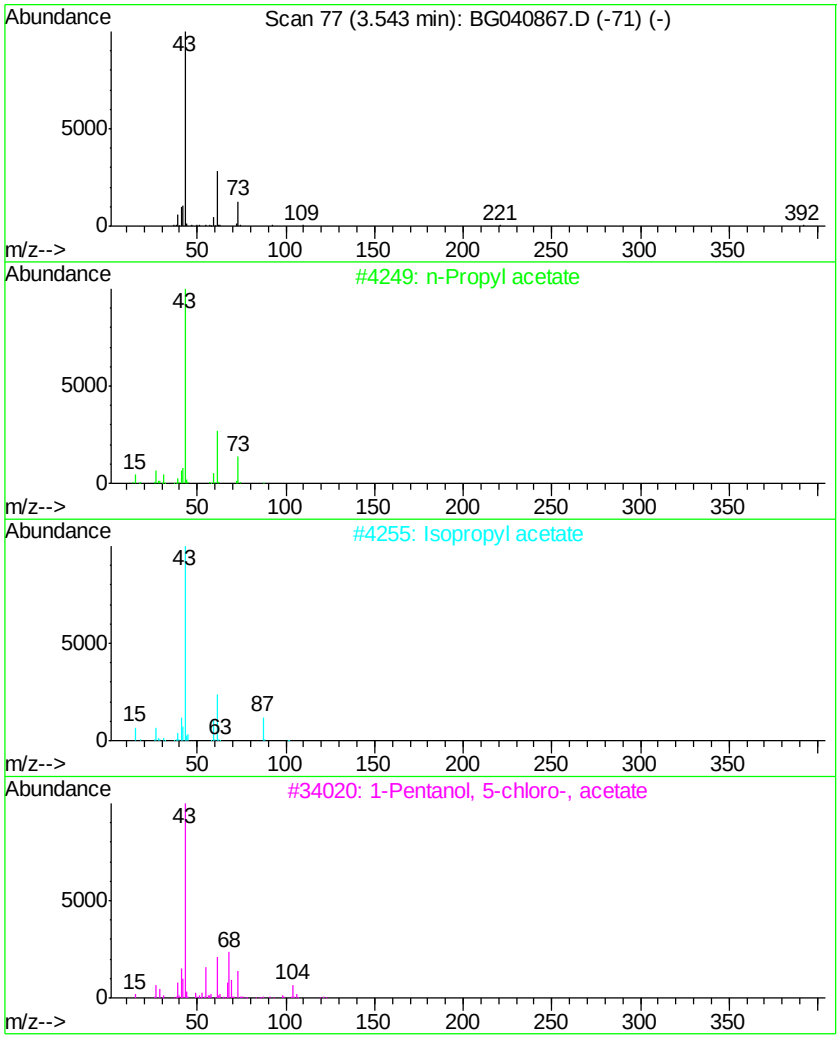
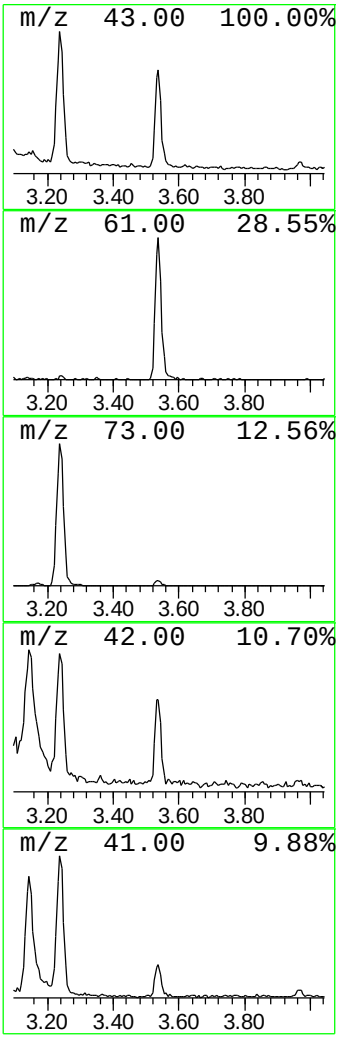
Peak Number 3 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	10.23 ng	158770	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	72
2	Isopropyl acetate	102	C5H10O2	000108-21-4	33
3	1-Pentanol, 5-chloro-, acetate	164	C7H13ClO2	020395-28-2	9
4	4-Fluoro-4-methylpentane-2,3-dione	132	C6H9FO2	1000367-34-8	9
5	1-Butanamine	73	C4H11N	000109-73-9	7





Library Search Compound Report

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Data File : BG040867.D
Acq On : 11 May 2019 4:54
Operator : HP/JU
Sample : K2762-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS001-0002-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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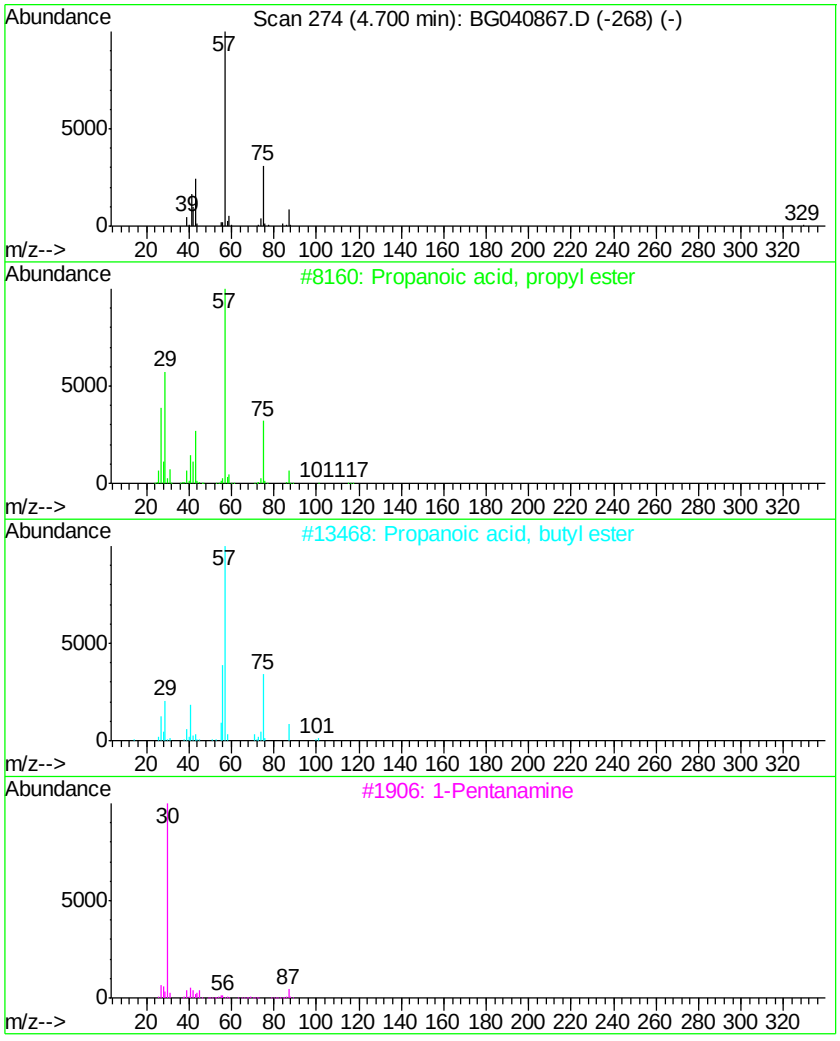
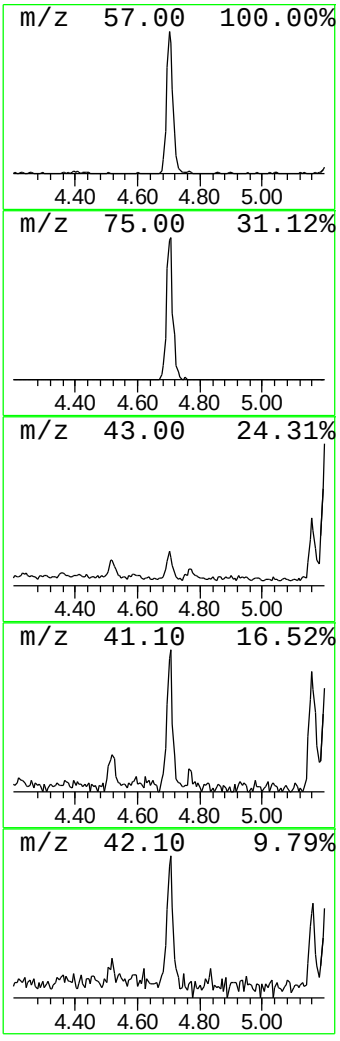
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	7.33 ng	113839	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	36
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Isobutyl ether	130	C8H18O	000628-55-7	9
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	9





Library Search Compound Report

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Operator : HP/JU
Sample : K2762-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS001-0002-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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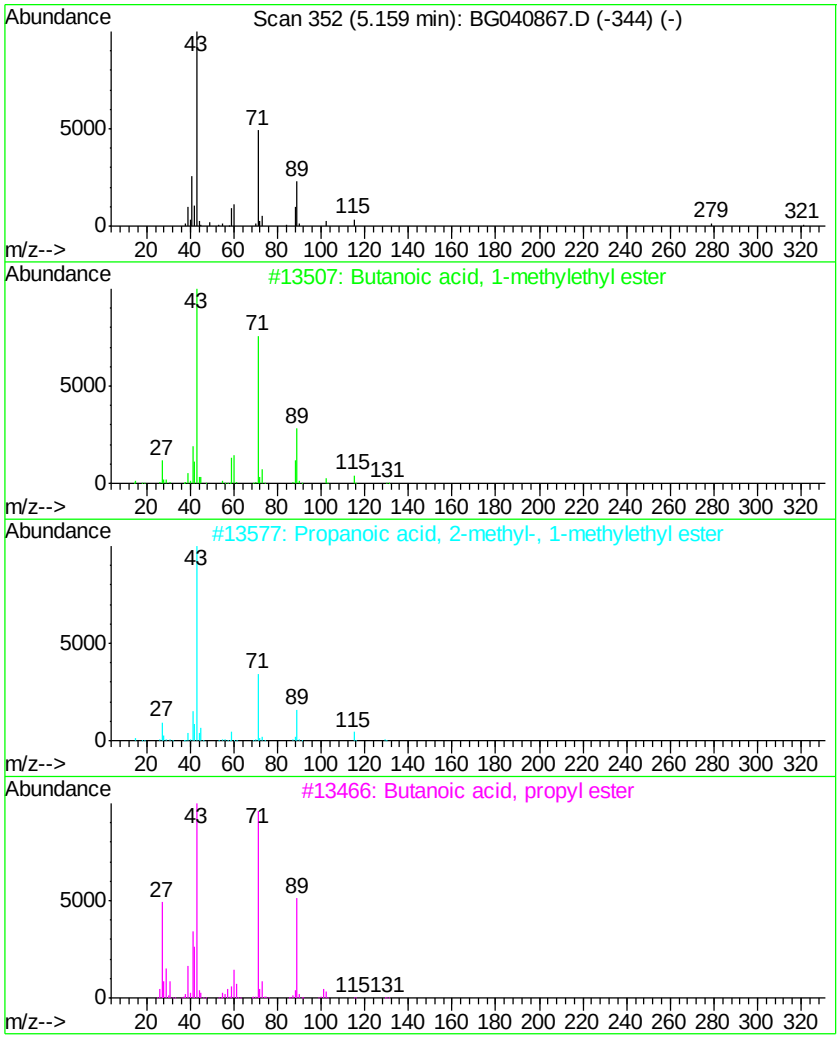
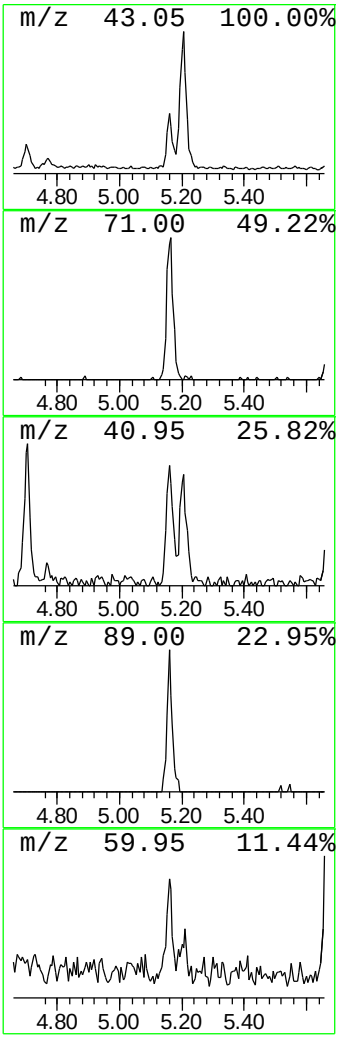
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	4.99 ng	77489	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	80
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	59
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	42
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	40





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Sample : K2762-04
Misc :
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Instrument : BNA_G
ClientSampleId : P021-SS001-0002-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

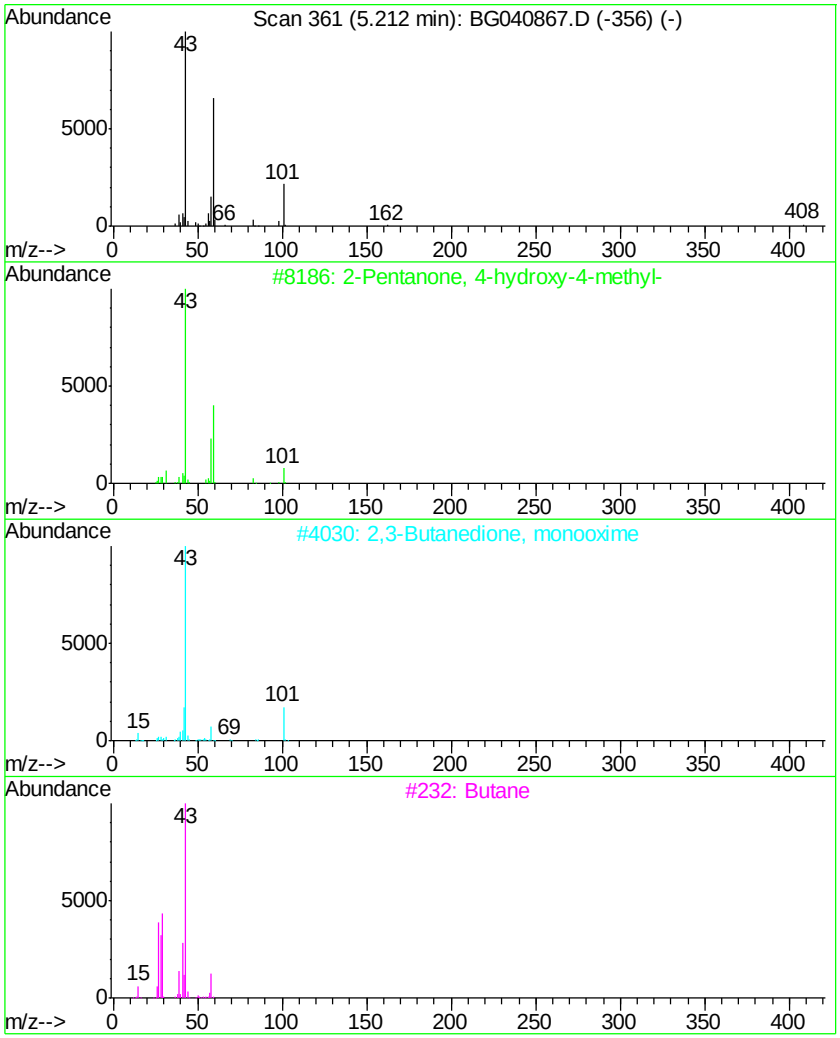
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

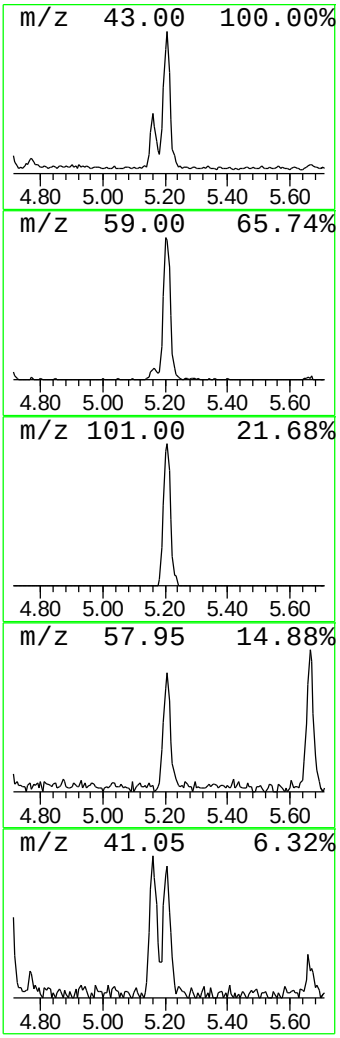
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	10.61 ng	164668	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Butane	58	C4H10	000106-97-8	9
4	2-Butanone, 3-chloro-	106	C4H7ClO	004091-39-8	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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TIC Library : C:\Database\NIST11.L
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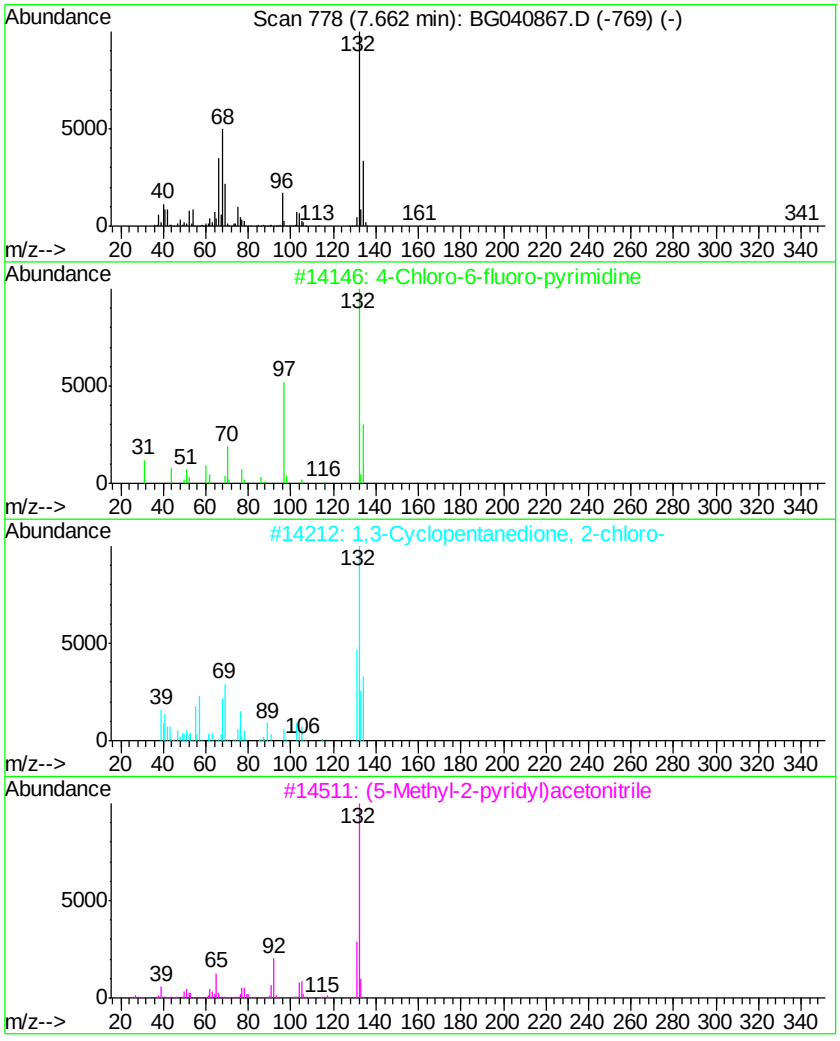
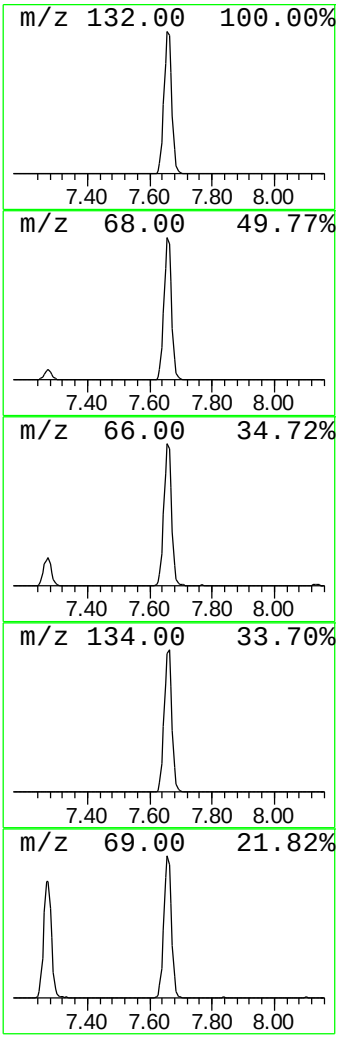
****

Peak Number 7 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	114.06 ng	1770220	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.24	56.5	ng	876244	1	8.14	310411	20.0
n-Propyl acetate	3.54	10.2	ng	158770	1	8.14	310411	20.0
Propanoic acid, p...	4.70	7.3	ng	113839	1	8.14	310411	20.0
Butanoic acid, 1-...	5.16	5.0	ng	77489	1	8.14	310411	20.0
2-Pentanone, 4-hy...	5.21	10.6	ng	164668	1	8.14	310411	20.0
unknown7.66	7.66	114.1	ng	1770220	1	8.14	310411	20.0